

ADAPTIVE ENCODING OF A SEQUENCE OF STILL FRAMES OR  
PARTIALLY STILL FRAMES WITHIN MOTION VIDEO

Abstract of the Disclosure

Method, system and computer program product are  
5 provided for adaptively encoding in hardware,  
software or a combination thereof a series of still  
or partially still pictures using motion video  
encoding. A pre-encode statistics measurement unit  
is employed to derive statistics on each frame of the  
10 sequence of video frames to be encoded. The  
statistics are determinative of whether the frame  
comprises a still frame. If so, at least one  
controllable parameter to be used to encode the still  
frame is modified, and an encoding engine employs the  
15 at least one controllable parameter to encode the  
still frame so that pulsation artifacts are prevented  
between still frames of the series of still frames.  
Partial still picture encoding to prevent pulsation  
artifacts on a macroblock level is also addressed.

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